Attorney Docket No. 14419US01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:	)
	)
Ronald L. Mahany	)
	)
Serial No. 10/057,816	)
	)
Filed: January 24, 2002	)
	)
For: Remote Radio Data Communication System With Data Rate Switching	)
	)
Examiner: Nguyen Thanh Vo	)
	)
Group Art Unit: 2685	)
	)
Confirmation No.: 4621	)

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Attached with this electronic submission are the following:

- A completed PTO/SB/08A which has two (2) pages.
- A copy of each printed reference listed in the PTO/SB/08A form is attached. Applicants, however, have not submitted U.S. Patents or other references previously provided to or by the PTO in this application. Nineteen (19) references are attached.

FEE DETERMINATION AND PAYMENT

A fee of $180.00 is due because:

- The first Office action on the merits has been received by applicant(s).
- Applicant(s) believe(s) that this statement and attachments are being filed before any final action has been mailed by the PTO; before a notice of allowance has issued; and prior to any other action that would close prosecution in the

application. The basis of this belief is that no final action, no notice of allowance, and no other action that would close prosecution of the application appear to have been received by the undersigned to date.

The Commissioner is hereby authorized to charge any fees which are presently required, or credit any overpayment, to Deposit Account No. 13-0017.

REQUEST FOR CONSIDERATION

This paper and attachments are believed to be entitled to consideration under 37 C.F.R. § 1.97, based on the facts stated above.

The owner of record of the present application, Broadcom Corporation, is currently involved in a patent infringement action with Qualcomm, Inc., Civil Action No. 05-467, pending in the Central District of California.

The references being submitted have been either cited, produced or relied upon by Qualcomm thus far during the above-mentioned lawsuit and/or investigation. This electronic submission is in no way intended as an admission that the submitted references constitute prior art under any subsection of 35 U.S.C. §102 or §103. Applicant expressly retains the right to argue that any of the cited references are not indeed prior art or to take any actions necessary to remove any of the cited references from the available prior art.

The Examiner is requested to initial both copies of the attached PTO/SB/08A and return one copy to the applicants to indicate consideration of the attached references.

Respectfully submitted,

Date: 7-11-06

Michael T. Cruz
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Chicago, Illinois 60661
(312) 775-8000

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	2

Complete if Known	
Application Number	10/057,816
Filing Date	January 24, 2002
First Named Inventor	Ronald L. Mahany
Group Art Unit	2685
Examiner Name	Nguyen Thanh Vo
Attorney Docket No.	14419US01

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	FIFER et al., "The Low Cost Packet Radio", IEEE Proceedings, Vol. 75, No. 1, pp. 33-43, 01-1987
	C2	FISCHER et al., "Wide-Band Packet Radio For Multipath Environments", IEEE Transactions On Communications, Vol. 36, No. 5, pp. 564-576, 05/1988
	C3	FISCHER et al., "Wide-Band Packet Radio Technology", IEEE Proceedings, Vol. 75, No. 1, pp. 100-115, 01/1987
	C4	JACOBS, et al., "General Purpose Packet Satellite Networks", IEEE Proceedings, Vol. 66, No. 11, pp. 1448-1467, 11/1978
	C5	JACOBSMEYER J., "Adaptive Trellis Coded Modulation For Bandlimited Meteor Burst Channels", IEEE Journal on Selected Areas In Communications, Vol. 10, No. 3, pp. 550-561, 04/1992
	C6	JACOBSMEYER J., "Adaptive Information Rate Performance On Bandlimited Meteor Burst Channels: Empirical Results", Ninth Annual International Phoenix Conference On Computer and Communications, pp. 254-261, 03/21-23/1990
	C7	JACOBSMEYER J., Adaptive Trellis Coded Modulation For Bandlimited Meteor Burst Channels, Military Communications Conferences, MILCOM 89, Conference Record, Bridging the Gap. Interoperability, Survivability, Security, pp. 418-422, 10/15-18/1989
	C8	JACOBSMEYER J., An Adaptive Modulation Scheme For Bandwith-Limited Meteor-Burst Channels, Military Communications Conference, MILCOM 88, Conference Record, 21st Century Military Communications – What's Possible?, pp. 933-937, 10/23-26/1988
	C9	MASSOUMI, S. et al., "Adaptive Trellis Coded Modulation For Mobile Communications", IEEE Pacific Rim Conference on Communications, computers and signal Processing, pp. 538-541, 05/9-10/1991
	C10	SNYTKIN, I., Adaptive Communications Systems Employing Spread-Spectrum Signals Based On Nonlinear Recurrent Sequences, Telecommunications and Radio Engineering, Scripta Technica, Inc., Vol. 46, No. 3, pp. 161-162, 03/1991
	C11	CCITT Recommendation V.32bis, A Duplex Modem Operating At Data Signaling Rates Of Up To 14 400 bit/s For Use On The General Switched Telephone Network And on Leased Point-To-Point 2-Wire Telephone-Type Circuits (Study Group XVII), 02/22/1991
	C12	CCITT Recommendation V.32, A Family Of 2-Wire, Duplex Modems Operating At Data Signaling Rates Of Up To 9600 bit/s For Use On The General Switched Telephone Network And On Leased Telephone-Type Circuits-Data Communication Over The Telephone Network-Study Group XVII, pp. 234-251, 01/01/1989
	C13	VITERBI et al., "A Pragmatic Approach To Trellis-Coded Modulation", IEEE Communications Magazine, pp. 11-19, 07/1989
	C14	VITERBI et al., "Trellis-Coded MPSK Modulation For Highly Efficient Military Satellite Applications", Military Communications Conference, MILCOM 88, "21st Century Military Communications – What's Possible?", pp. 647-651, 10/23-26/1988

EXAMINER SIGNATURE		DATE CONSIDERED	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. [1]Applicant's unique citation designation number (optional). [2]See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4]For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5]Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. [6]Applicant is to place a check mark here if English language Translation is attached.

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Attorney Docket Number	14419US01

	C15	WEITZEN J., et al., "A High Speed Digital Modem For The Meteor Scatter Channel", Proceedings Of The Seventeenth Annual Conference On Information Sciences And Systems, p. 344-349, 03/23-25/1983
	C16	HANSSON U., et al., "Dual Rate Mobile Data System", IEEE International Symposium On Personal Indoor And Mobile Radio Communications, pp. 520-524, 10/19-21/1992
	C17	JUBIN et al., "The DARPA Packet Radio Network Protocols", IEEE Proceedings, Vol. 75, No. 1, pp. 21-32, 01/1987
	C18	Product Brochures (BCMSA002314-2345)
	C19	Amended Preliminary Invalidity Contentions with Exhibit C, 02/21/2006

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1]Applicant's unique citation designation number (optional). [2]See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4]For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5]Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. [6]Applicant is to place a check mark here if English language Translation is attached.